# MDP3858-U
## MDP3858SP-U
### MDP3858V-U

# FAX/MODEM CARD

# Easy Start

# Read Me First

Version 1.0

- WINDOWS® 95 IS A REGISTERED TRADEMARK OF MICROSOFT CORP.
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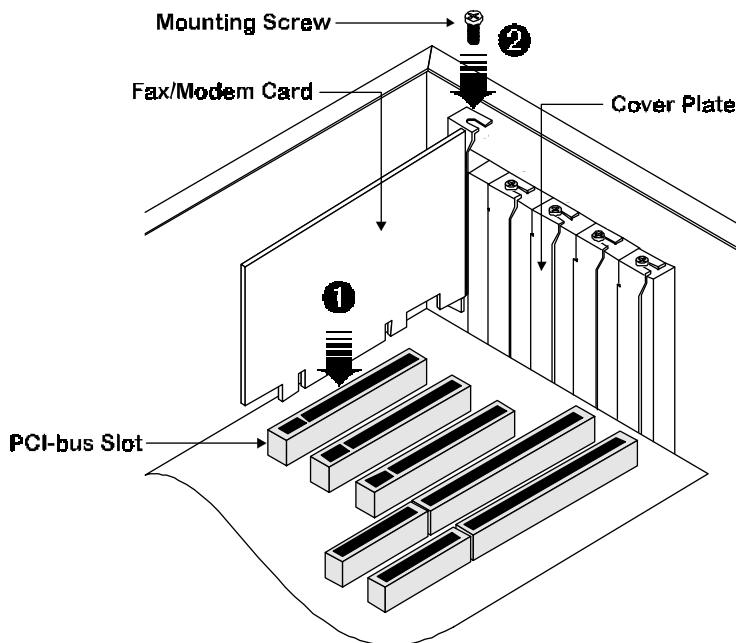
# INSTALLATION NOTES

- Your fax/modem card is Plug-and Play-based. While it should work with most systems, it is recommended to install the fax/modem card on a system with PnP capabilities.

- Computers come in different shapes and sizes. Therefore, the installation instructions in this booklet apply generally and you should compare the drawings here with your computer before you begin.

- You will require a Philips Screwdriver to complete the installation. You may want to refer to your computer user's guide during the installation.

# SAFETY PRECAUTION

Static electricity can cause permanent damage to your fax/modem card. To prevent such a damage, you must ground yourself while installing the fax/modem card. You can do this in either of two ways :
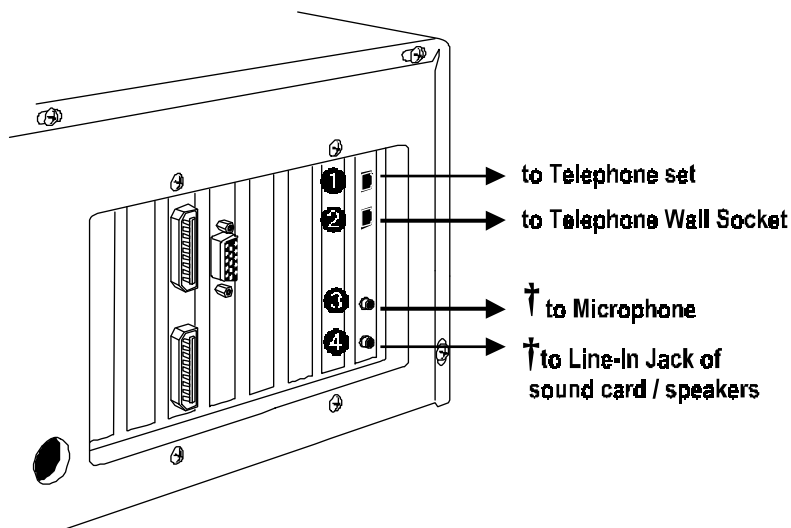
- Use a grounding strap, which is a coiled wire with a clip at one end and an elastic strap at the other. Wear the strap around your wrist and attach the clip to any non-painted metal surface of the computer's chassis.

- If you do not have a grounding strap, touch any non-painted surface of the computer's chassis before you begin installation, and again every minute or so until the installation is completed.

# INSTALLING THE FAX/MODEM CARD



❶ Insert the fax/modem card firmly into a PCI-bus expansion slot.

❷ Secure the fax/modem card with a mounting screw.

# CONNECTING THE FAX/MODEM CARD



to Telephone set
to Telephone Wall Socket
† to Microphone
†to Line-In Jack of sound card / speakers

❶   Connect a **telephone set** to the fax/modem card.

❷   Connect one end of the telephone extension cord to the **fax/modem card** and the other end to the **telephone socket** on the wall.

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†   *The **Microphone** and **Line-Out Jacks** shown in the figure above is only available on the **MDP3858SP-U** model.*

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*For users who have bought the **MDP3858SP-U** model:*

❸   Connect a **microphone** to the fax/modem card.

❹   If you have a sound card in your system, connect an audio cable from the **fax/modem card's Line-Out Jack** to the **sound card's Line-In Jack**.

If you do not have a sound card in your system, connect a pair of active/amplified speakers to the **Line-Out Jack** on the fax/modem card.

# INSTALLING THE FAX/MODEM DRIVERS FOR WINDOWS® 95

1.  Start Windows® 95. Windows® 95 detects the newly-installed fax/modem card and prompts for its driver.

2.  Insert the **Multimedia Communications Suite CD** into the CD-ROM drive and click **OK**.

    If your drivers are found on diskette, insert the **Installation Disk #1** into floppy drive and click **OK**.

3.  Select the **Driver from disk provided by hardware manufacturer** option and click **OK**.

4.  Type "**D:\**" in the text box and click **OK** (assuming you have placed the CD in a CD-ROM drive labelled as **D**).

    For drivers found on diskette, type "**A:\**" in the text box and click **OK** (assuming you have inserted the driver disk in Drive **A**).

5.  Insert the **Installation Disk #2** into your floppy drive and click **OK** to install the Unimodem drivers.

6.  After the Unimodem drivers have been installed, click **Yes** to restart your system (recommended).

**If you have connected an audio cable from the *fax/modem card's Line-Out Jack* to a *sound card's Line-In Jack*, or**

**If you have connected a pair of active/amplified speakers to the *Line-Out Jack* on the fax/modem card:**

7.  Run the Set Audio Output utility (***Audioset.exe***) to configure the fax/modem card's audio output to the **Line-Out** option. This utility can be found on either your **Multimedia Communications Suite CD, Installation Disk #1** or your **\\*Windows*** directory.

# TESTING THE FAX/MODEM CARD

1.   From the Windows® 95 task bar, click the **Start** button.

2.   Select **Settings** and click on **Control Panel**.

3.   Double-click the **Modems** icon.

4.   Click the **Diagnostics** tab.

5.   Select the **Modem** device.

6.   Click on the **More Info** button.
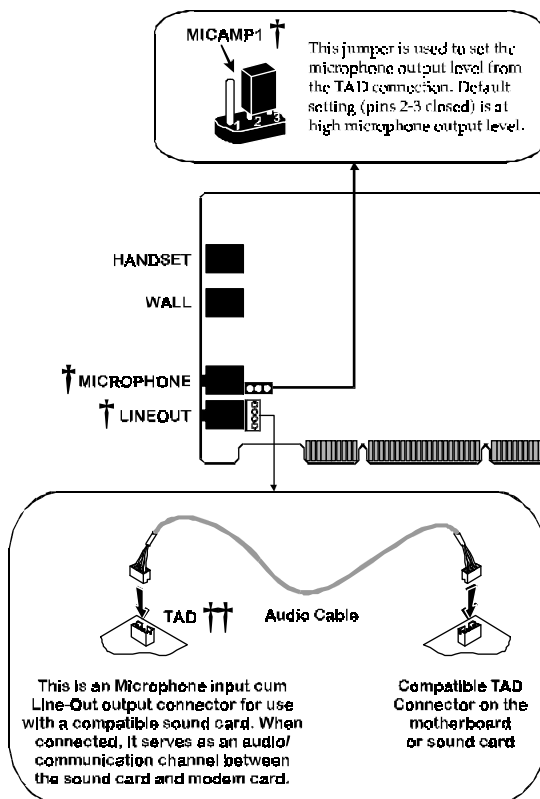
# TECHNICAL SPECIFICATIONS

- K56Flex 56Kbps data modem (upgradable to ITU standard)
- V.34 plus data modem (33.6Kbps)
- V.34 data modem (28.8Kbps)
- V.32bis
- V.32
- V.23
- V.22bis
- V.22A/B
- V.21
- Bell 212A and 103
- V.42, MNP2-4, MNP10, MNP10EC
- V.42bis and MNP5 data compression
- V.17/V.29/V.27ter and V21 channel 2 group 3 fax mode
- VRPI and V.80 for POTS video conferencing
- Auto dialing and auto answer

- Line quality monitoring and re-train
- Tone or pulse dialing
- DAA line interface
- Caller ID support
- Built-in Buzzer and Amplifier
- Enhance AT, voice and Class 1 fax commands
- Full Duplex speakerphone
- Enhanced ADPCM/PCM voice operation with concurrent DTMF detection
- Voice monitoring function with automatic fax/voice switch
- Recording of telephone conversation through sound card
- Digital answering machine
- Power Management *(only for MDP3858V-U)*

*The product specifications herein are subjected to change without prior notifications.*

# FAX/MODEM CARD LAYOUT



MICAMP1 †
This jumper is used to set the microphone output level from the TAD connection. Default setting (pins 2-3 closed) is at high microphone output level.

HANDSET

WALL

† MICROPHONE

† LINEOUT

TAD † † Audio Cable

This is an Microphone input cum Line-Out output connector for use with a compatible sound card. When connected, it serves as an audio/ communication channel between the sound card and modem card.

Compatible TAD Connector on the motherboard or sound card

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† *These items are only available on the* **MDP3858SP-U** *model.*

† † *If you have used the TAD connection, run the Set Audio Output utility (***Audioset.exe***) to configure the fax/modem card's audio output to the Line-Out option. This utility can be found on either your* **Multimedia Communications Suite CD**, **Installation Disk#1** *or your* **\Windows** *directory.*

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